



SI 05/15



Date : 28 May 2015
Type : ATR72-600
Registration : 9M-LMG
Operator : MASwings
Fatality : 0
Nature : Engine fire
Location : Penang International Airport, Penang

SUMMARY

On the 28 May 2015, an ATR72-212A aircraft operated by Malindo Air bearing registration 9M-LMG with a flight number OD1165 departed out of Penang International Airport, Penang (PEN) en-route to Sultan Abdul Aziz Shah International Airport, Subang (SZB).

After take-off from PEN, the aircraft suffered a No. 01 engine fire. Procedures were carried out by the operating crew and after the procedures completed the aircraft returned to the airport and landed safely.

CAUSE

The probable cause of the engine fire is due to the fuel leak from No. 3 fuel nozzle manifold 'B' nut.

SAFETY RECOMMENDATIONS

It is recommended that:

1. The manufacturer to remind customers of the importance to use the products recommended in the Engine Maintenance Manual (EMM).
2. The restoration of fuel nozzle for both engines on one aircraft shall not be performed at the same maintenance visit.
3. The engineer in-charge to perform a detailed inspection of the manifold hoses B-nut to ensure no early sign of corrosion is observed.
4. Manifold with sign of corrosion shall be quarantined and reported to quality Assurance for further investigation.
5. The Licensed Engineer shall ensure that only approved solvent/materials listed in Maintenance Manual are to be used throughout the maintenance process.